

Title (en)
Process for the production of a metal melt

Title (de)
Verfahren zum Herstellen einer Metallschmelze

Title (fr)
Procédé pour la production d'une fonte d'acier

Publication
EP 0579591 B1 19961002 (DE)

Application
EP 93890122 A 19930617

Priority
AT 146392 A 19920716

Abstract (en)
[origin: EP0579591A1] Filter dust recovered from a metallurgical vessel during a metal melting process is fed back to the vessel using a carrier gas such as natural gas or a mixed gas containing natural gas or a hydrocarbon gas. The filter dust is fed to the vessel in a closed system and is reduced by the carrier gas and then melted.

IPC 1-7
C21C 5/38; **C21C 5/28**; **C22B 7/02**; **C21B 13/12**

IPC 8 full level
C21B 13/12 (2006.01); **C21C 5/28** (2006.01); **C21C 5/38** (2006.01); **C22B 7/02** (2006.01)

CPC (source: EP KR US)
C21B 13/12 (2013.01 - EP US); **C21C 5/28** (2013.01 - EP US); **C21C 5/38** (2013.01 - EP KR US); **C22B 7/02** (2013.01 - EP US);
Y02P 10/143 (2015.11 - EP US); **Y02P 10/20** (2015.11 - EP US)

Cited by
AT403928B; EP0657549A1; US5611838A; DE19920209A1; DE19920209C2; US6039787A; DE10207202A1; DE10207202B4; DE10207202B9; DE19814748A1; EP0670188A1; EP4219035A1; US6383253B1; WO9858088A1; WO9916917A1; WO9418348A1

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DOCDB simple family (publication)
EP 0579591 A1 19940119; **EP 0579591 B1 19961002**; AT 402939 B 19970925; AT A146392 A 19970215; AT E143701 T1 19961015; CA 2100602 A1 19940117; DE 59304026 D1 19961107; KR 100252708 B1 20000415; KR 940002364 A 19940217; TW 283169 B 19960811; US 5366538 A 19941122

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